

**AUTOMATED DATA STORAGE SYSTEM INCLUDING A MOBILE  
RAIL SYSTEM AND GARAGE**

**Abstract Of The Disclosure**

Applicants' automated data storage system includes a first media storage library having a  
5 first rail system, a garage having a movable rail system, said garage being disposed adjacent the  
media storage library, and a plurality of accessors movably disposed on either the first rail system or  
the movable rail system. In another embodiment, Applicants' automated data storage system  
further includes a second media storage library, having a second rail system, disposed adjacent the  
garage, such that the plurality of accessors is movably disposed on the first rail system, the second  
10 rail system, or the movable rail system. Applicants' invention further includes a method to move an  
accessor from the first media storage library into the garage, or from the first media storage library,  
through the garage, and into the second media storage library. Applicants' invention further  
includes a method to balance the workload of a plurality of data drives disposed within Applicants'  
automated data storage system.